

TRANSMISSION LS 85W-90

API GL-5 (limited slip)

REXOIL TRANSMISSION LS 85W-90 is a high-quality mineral-based gear oil developed specifically for use in limited slip differentials (LSD) and high-load gear systems. It contains special friction modifiers that ensure smooth operation of limited slip clutches, reducing noise, chatter, and vibration commonly associated with these systems.

Suitable for use in limited slip differentials (LSD) of passenger cars, SUVs, and light to heavy-duty commercial vehicles, as well as in spiral bevel and hypoid gear axles requiring API GL-5 LS performance—both in on-road and off-road operating conditions.

Features and Benefits

- Prevents chatter and ensures smooth, quiet operation of clutch-type limited slip systems.
- Safeguards gears under high load and shock conditions, reducing wear and extending component life.
- Shields metal surfaces from rust and corrosion, even in the presence of moisture.
- Compatible with commonly used seals and gaskets, helping prevent leaks and maintaining system integrity.

Approval and Specifications

API GL-5; MIL-L-2105D; ZF TE-ML-05C; ZF TE-ML-21C

Technical Specifications

Test	Method	Typical Properties
Kinematic Viscosity (100°C), [cSt]	ASTM D445	14,3 - 18,5
Viscosity Index	ASTM D2270	Min. 105
Density @ 15°C g/ml	ASTM D4052	0,885 - 0,910
Flash Point, °C	ASTM D92	Min. 210
Pour Point, °C	ASTM D97	Max. -24

Health and Safety

This product does not pose a significant health or safety risk when used appropriately. For detailed safety information, please refer to the Safety Data Sheet (SDS).

Storage & Handling

Store in a cool, dry, and well-ventilated area, away from direct sunlight and moisture. Keep containers tightly closed to prevent contamination. Dispose of contents and containers in accordance with local regulations.